### APPENDIX B - AIR QUALITY

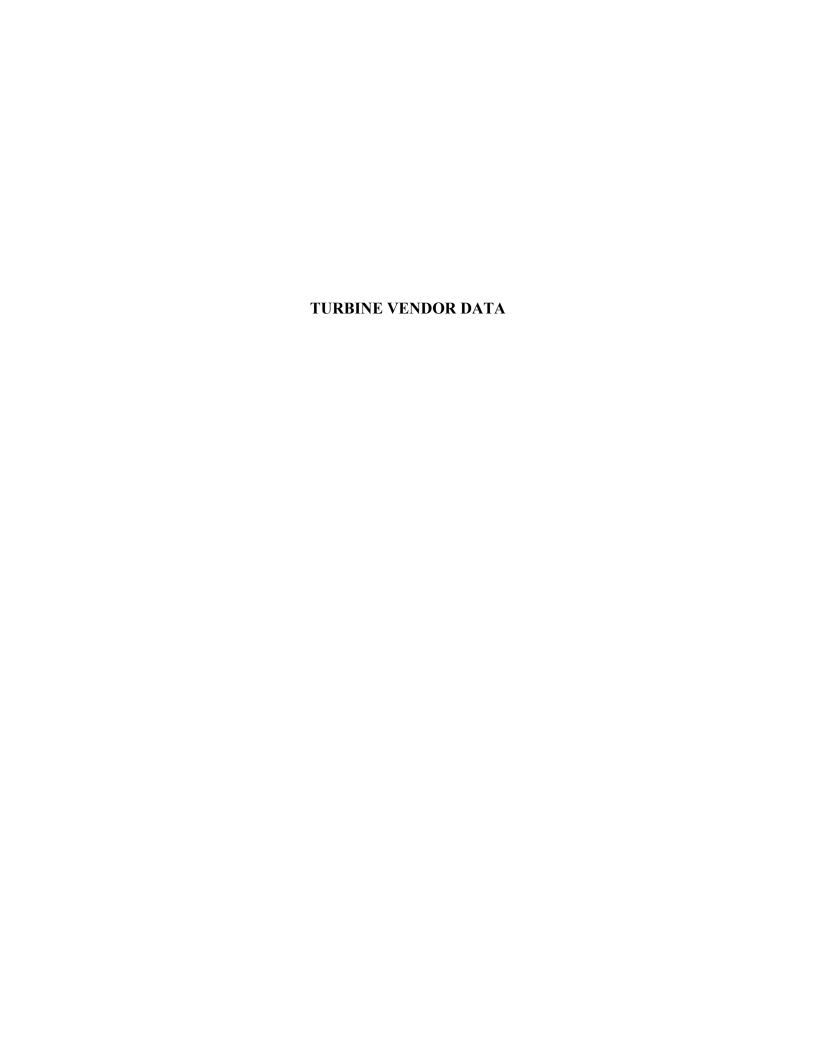
### **CONTENTS**

• Meteorological Data for Tracy 1997-1999

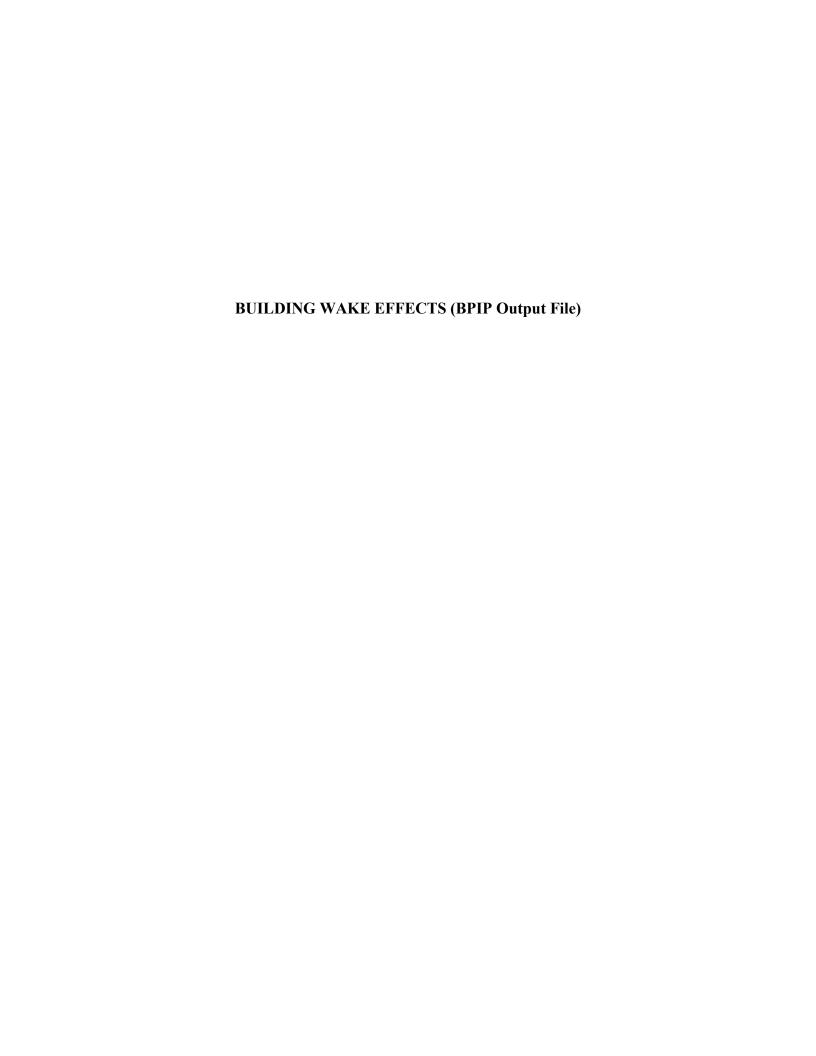
Annual Frequency Distributions
Annual Frequency Windroses
Quarterly Frequency Distribution (Spring, Summer, Fall, Winter)
Quarterly and Windroses (Spring, Summer, Fall, Winter)
Stability Class Frequency Tables (A,B,C,D,E,F)
Stability Windroses (A,B,C,D,E,F)

- Turbine Vendor Data
- Emergency Generator Vendor Data
- Building Wake Effects (BPIP Output File)
- Refined Modeling Parameters
- Operational Impact Modeling Files
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- Cumulative Modeling Source Emissions
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- SJVUAPCD Authority to Construct Permit Application Forms For GWF Tracy
- Emission Offset Calculations

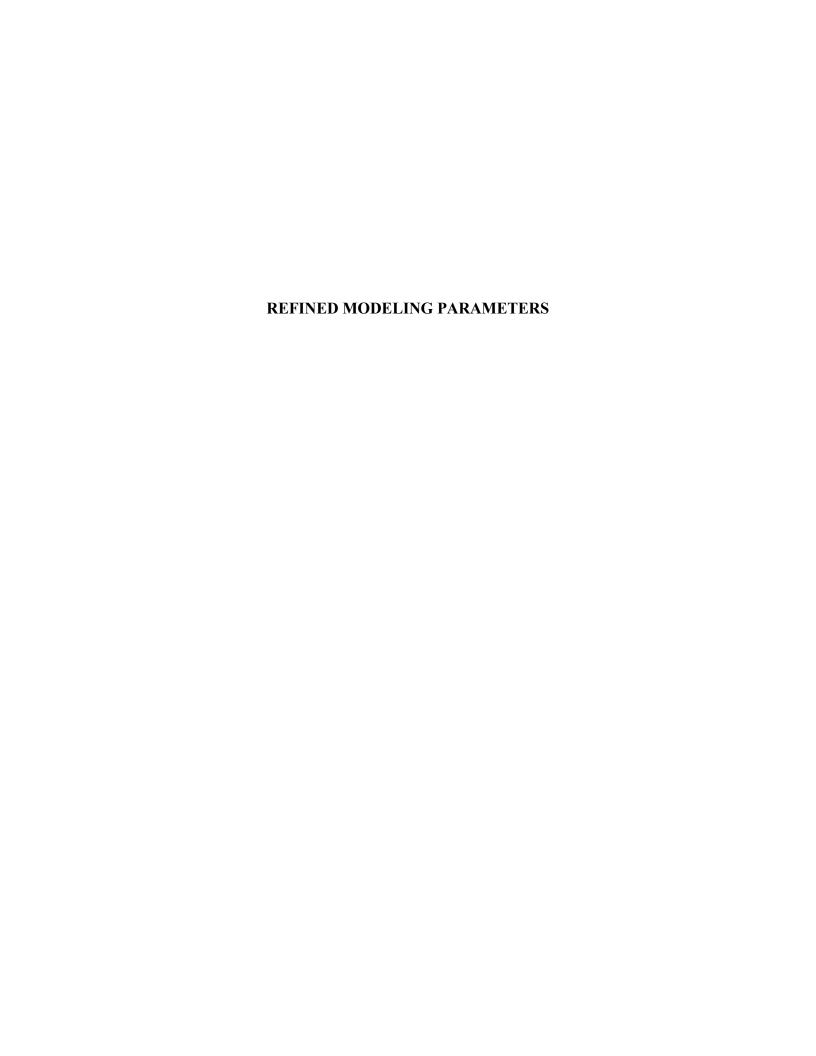




## EMERGENCY GENERATOR VENDOR DATA



# OPERATIONAL IMPACT MODELING FILES



### **Source Group Identification**

1-Hour	1H_CO <sup>1</sup>
1-Hour	EGEN_1 <sup>2</sup>
8-Hour	8H_CO <sup>1</sup>
8-Hour	$EGEN_8^2$

Includes start-up
 Includes emergency generator, but no start-up

### $NO_2$

### **Source Group Identification**

1H\_NOX<sup>1</sup> EGEN\_1<sup>2</sup> ALL\_ANN 1-Hour 1-Hour Annual

Includes start-up
 Includes emergency generator, but no start-up

### $PM_{10}$

### **Source Group Identification**

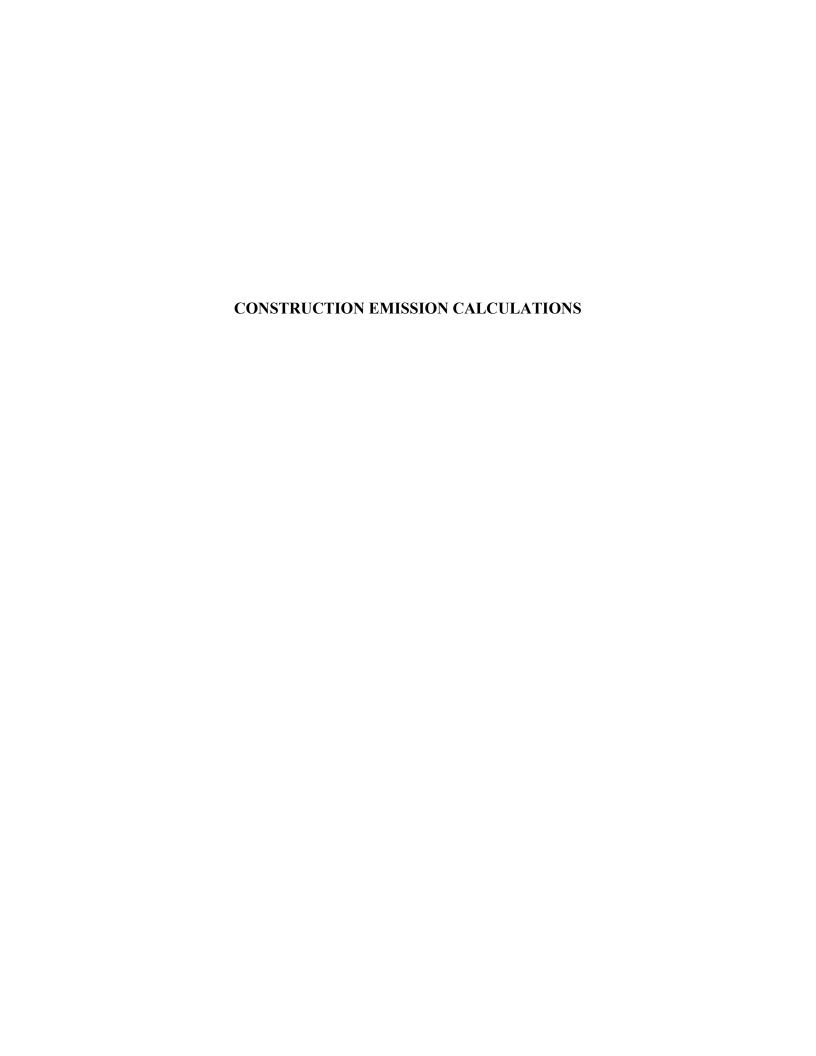
24H\_PM10<sup>1</sup> EGEN\_24<sup>2</sup> ALL\_ANN 24-Hour 24-Hour Annual

Includes start-up
 Includes emergency generator, but no start-up

 $SO_2$ **Source Group Identification** 

1-Hour	1H_SO2 <sup>1</sup>
1-Hour	EGEN_1 <sup>2</sup>
3-Hour	$3H_SO2^1$
3-Hour	$EGEN_3^2$
24-Hour	24H_SO2 <sup>1</sup>
24-Hour	$EGEN_24^2$
Annual	ALL_ANN

Includes start-up
 Includes emergency generator, but no start-up











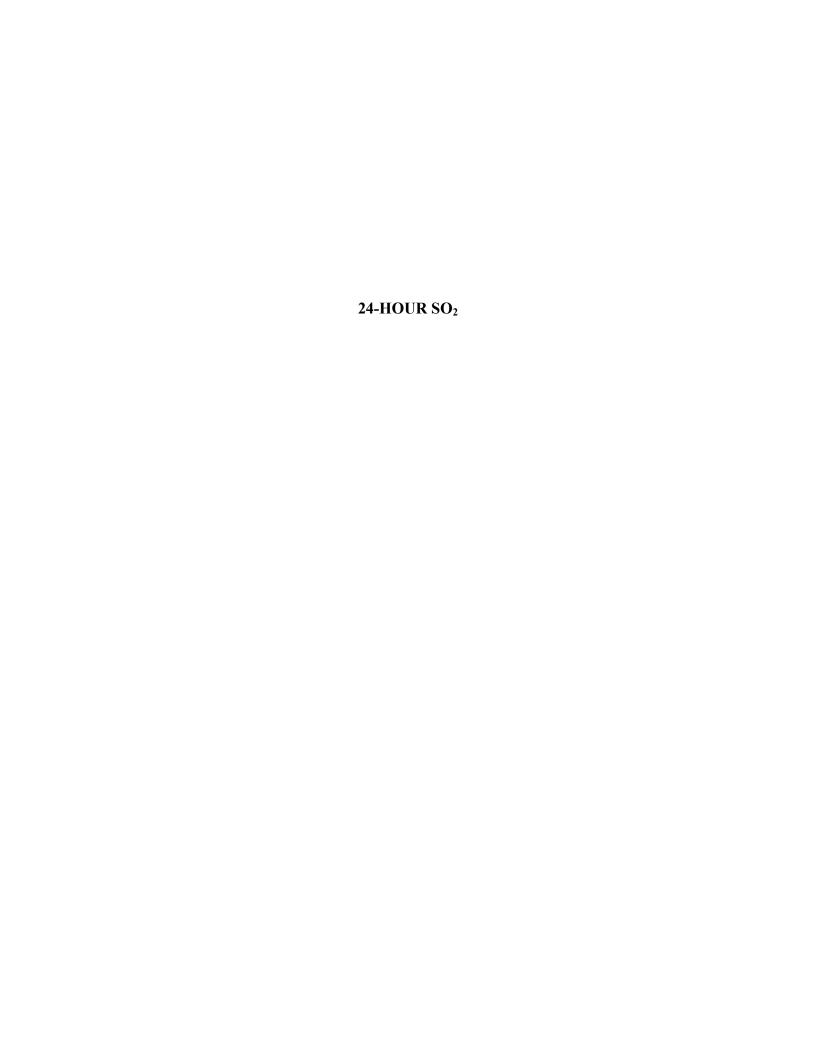




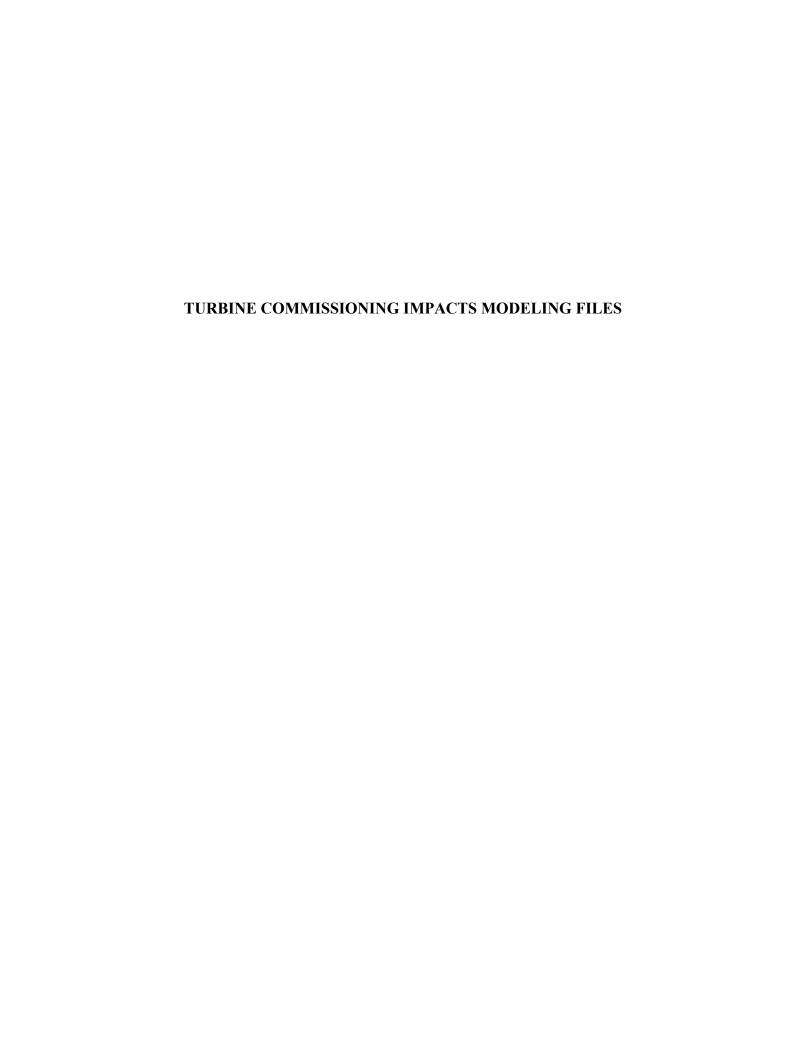






















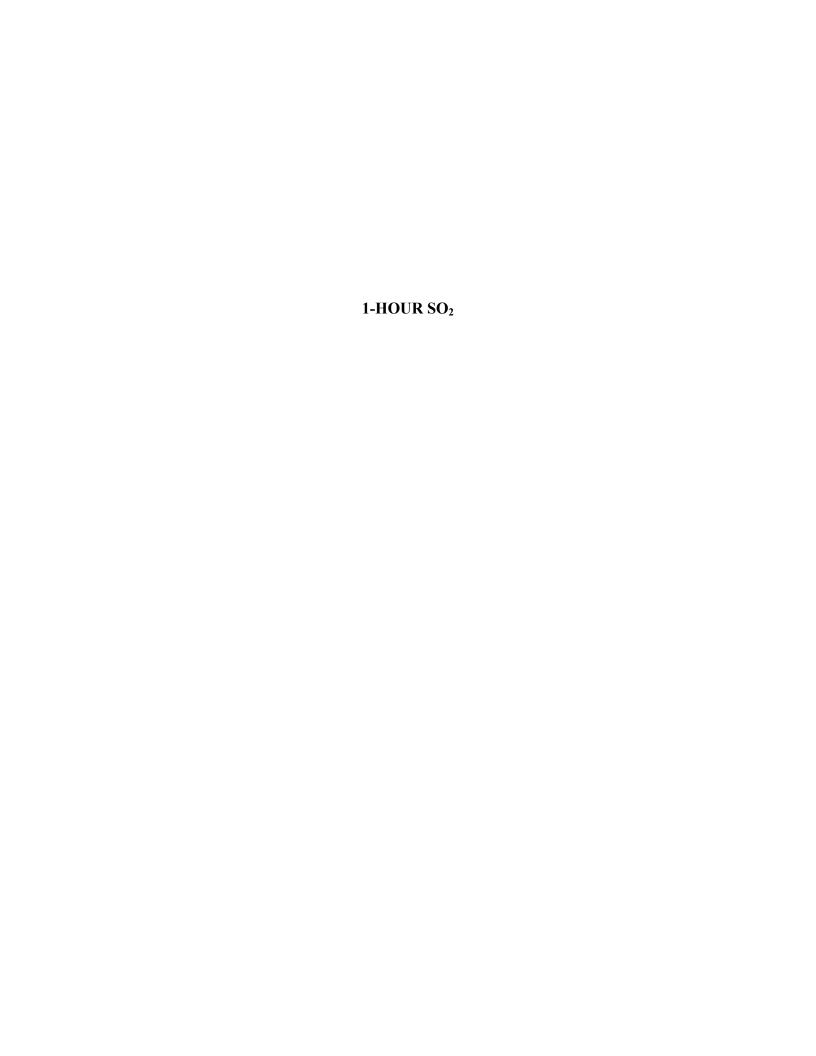




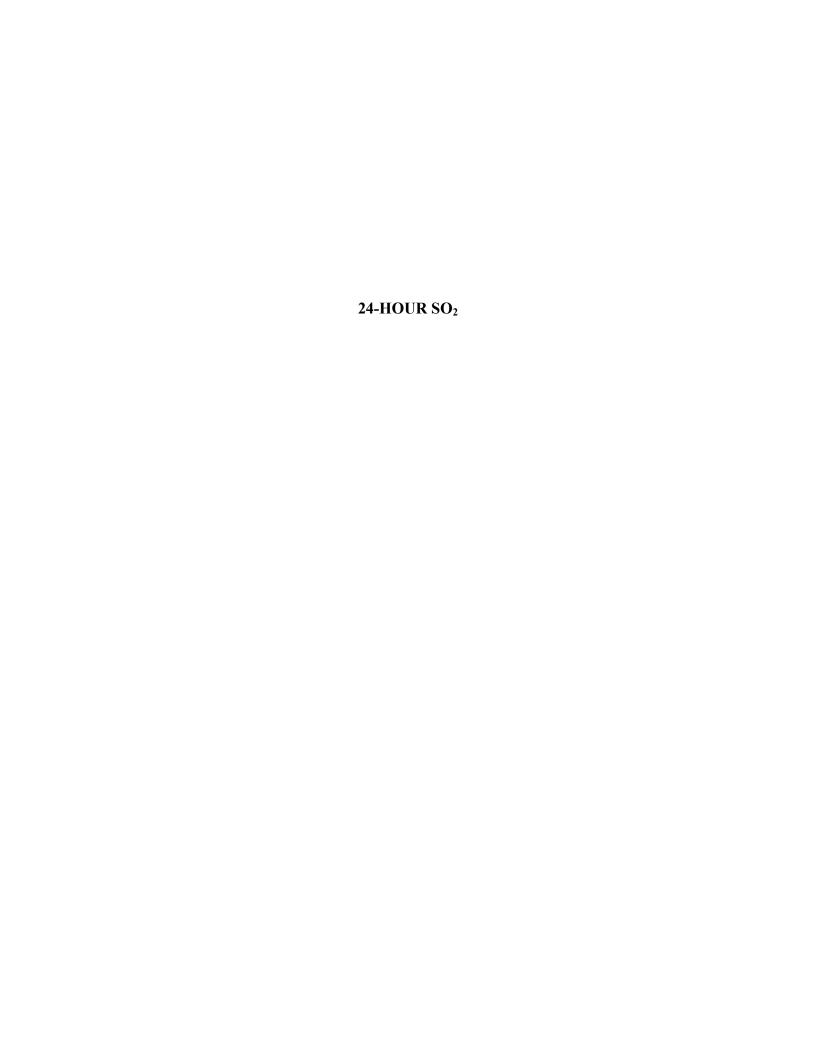














## SJVUAPCD AUTHORITY TO CONSTRUCT PERMIT APPLICATION FORMS FOR GWF TRACY

